

EE / CprE / SE 491 – sdmay20-02

PRODUCT TRACKER

Week 7 Report

10/7/19 – 10/13/19

Client: Collins Aerospace

Faculty Advisor: Mai Zheng

Team Members:

Ryan Connolly — Subject Matter Expert

Tyler Krueger — Meeting Scribe

Clayton Nida — Frontend Engineer

Jamie Raught — Team Lead

Nathan Shull — Test Engineer

Nathan Yasosky — Report Manager

Past Week Accomplishments:

We were able to finally get all of our forms signed to be able to start learning about the Product TRACKER more in depth look into the information (a lot of the information was confidential and waiting on our NDA to pass). After getting these completed we were able to sit down with our clients and get all of the Most Important Requirements, started hashing out the data fields we would need in our database, and laying out the rough ideas for the project. During our group meeting after we met with client we then went over who was going to work on the front end, and who is going to work on the back end. Laying out the more technical schedule, and setting up a sprint schedule along with the big goals to meet at the end of each sprint. Lastly, we worked on laying out the plan to get our group all caught up on assignments that we had to delay since we could not get the forms for our group filled out.

Pending Issues:

Now that we are finally able to begin work the biggest pending issues have been getting caught back up on the assignments we had to delay, and working out the tickets that we need for each sprint, sprint planning. Once we get all of this done then we are going to get a spring boot, react, and MySQL database deployed to our server, and begin our development process.

Individual Contributions:

Ryan Connolly- Worked on researching MySQL, familiarized with SpringBoot, and teaching React. Also worked on setting up the local environment, and drafting our weekly report.

Nathan Yasosky - Started looking into development with React and working creating Git Issues based on our MIRS, and getting development environment ready to work with.

Nathan Shull - Worked on researching MySQL and working with SpringBoot, setting up his local environment, and working on updating our team's website.

Tyler Krueger - Worked on understanding React and the development process, setting up his local environment. Additionally worked on laying out the structure for our Lightning Talk 2

Clayton Nida - Helped answer questions while team was understanding React. Worked on setting up his local environment, and worked on updating the team website as well.

Jamie Raught - Worked with the Professor, the client, and the department to finish up our forms, and begin the meeting. Working with our team on schedules, setting up the team meetings, and developing a schedule to present to the client. Along with requesting our server from ETG, researching MySQL getting that setup on our server, and working on MySQL.

Plans for Coming Week:

Finish understanding the technology stack that we will be using, and begin on the development process. Start our sprint planning for our first sprint, and get our first spring under way. For the backend this sprint entails getting MySQL and SpringBoot projects onto the server, and begin development of the MySQL database. This includes getting all the data fields decided upon, creating and adding the tables we need to the database, and starting on a very basic start for a spring project. We also need to work on populating data in the database, and implementing a way to get this data added quickly in order to help ensure that our tables will be able to suit our needs. Along that same line we will be working through the bugs in our initial table structure, and getting all necessary columns added. On the front end side of things, we are hoping to get a very simple React project deployed to our server, and make sure that everything is functioning properly. From there we will begin on designing read only pages, that further on down the road we will connect to the controller on the back end. This will probably also include figuring out the design for the front end pages, and developing some screen sketches that we can show to the client to get approval on the design of the page. If we are able to get further we will begin trying to connect the front end to the rest endpoints coming from the spring boot project. In the coming weeks we plan to run through a lot of our design decisions with the client so we can start on the development process with a lot of our designs.